

COMPLETION LOG

a.s Norske Shell, E & P
 COMPLETION LOG WELL: 31/2-2

LOCATION MAP SCALE 1:1000 000
 LICENCE: PL_054
 FIELD:
 COORDINATES: 60°46'47.8"N 03°37'23.5"E
 SPUD DATE: 27/2/80 RESPRD: 29/2/80
 COMPLETION DATE:
 RIG: WEST VENTURE
 CONTRACTOR: SMDVIB
 D.F. ELEVATION: 32m
 WATER DEPTH: 363m
 T.D. (DRILLER): 2294m
 T.D. (LOGGER): 2294m
 T.D. FORMATION: Trosnes, Red Bed
 STATUS: P end A, Cox and Oil Well
 GEOL. LOGGERS: M. LARSEN, N.D. SHAW

HYDROCARBON INDICATORS

MEAN OIL SHOW	MEAN GAS SHOW
SPONGE OIL SHOW	SPONGE GAS SHOW
PRODS. PRODUCTIVE	PRODS. PRODUCTIVE

LITHOLOGY SYMBOLS

CLAYSTONE	MARL
SLT	CHALK
SILTSTONE	LIMESTONE
SAND	SALT
SANDSTONE	SPESSART
LIMONITE	TAFF
CONGLOMERATES	CHERT
CONGLOMERATE	POSS. FRAG. V. GR.

RESISTIVITY INTERVAL TRANSIT TIME

DEPTH (m)	RESISTIVITY (ohm m)	INTERVAL TRANSIT TIME (microseconds per ft)
0	100	100
100	100	100
200	100	100
300	100	100
400	100	100
500	100	100
600	100	100
700	100	100
800	100	100
900	100	100
1000	100	100
1100	100	100
1200	100	100
1300	100	100
1400	100	100
1500	100	100
1600	100	100
1700	100	100
1800	100	100
1900	100	100
2000	100	100
2100	100	100
2200	100	100
2300	100	100
2400	100	100
2500	100	100
2600	100	100
2700	100	100
2800	100	100
2900	100	100
3000	100	100

SYSTEM STRATIGRAPHY

SYSTEM	STAGE	FORMATION	MEMBER	DEPTH (m)
TERTIARY	PALEOCENE	ROGA LAND GROUP	LISTA FORMATION	0 - 100
				100 - 200
				200 - 300
				300 - 400
				400 - 500
				500 - 600
				600 - 700
				700 - 800
				800 - 900
				900 - 1000
TERTIARY	Eocene	HORDA LAND GROUP	BALDER FORMATION	1000 - 1100
				1100 - 1200
				1200 - 1300
				1300 - 1400
				1400 - 1500
				1500 - 1600
				1600 - 1700
				1700 - 1800
				1800 - 1900
				1900 - 2000
TERTIARY	OLIGOCENE	MIOCENE AND OR YOUNGER	NORDLAND GROUP	2000 - 2100
				2100 - 2200
				2200 - 2300
				2300 - 2400
				2400 - 2500
				2500 - 2600
				2600 - 2700
				2700 - 2800
				2800 - 2900
				2900 - 3000

TIME STRATIGRAPHY

SYSTEM	STAGE	FORMATION	MEMBER	DEPTH (m)
TERTIARY	PALEOCENE	ROGA LAND GROUP	LISTA FORMATION	0 - 100
				100 - 200
				200 - 300
				300 - 400
				400 - 500
				500 - 600
				600 - 700
				700 - 800
				800 - 900
				900 - 1000
TERTIARY	Eocene	HORDA LAND GROUP	BALDER FORMATION	1000 - 1100
				1100 - 1200
				1200 - 1300
				1300 - 1400
				1400 - 1500
				1500 - 1600
				1600 - 1700
				1700 - 1800
				1800 - 1900
				1900 - 2000
TERTIARY	OLIGOCENE	MIOCENE AND OR YOUNGER	NORDLAND GROUP	2000 - 2100
				2100 - 2200
				2200 - 2300
				2300 - 2400
				2400 - 2500
				2500 - 2600
				2600 - 2700
				2700 - 2800
				2800 - 2900
				2900 - 3000

PRODUCTION TEST RESULTS

TEST NO.	DATE	DEPTH (m)	PERMEABILITY (md)	THICKNESS (ft)	FLOW RATE (m³/d)	PRESSURE (psi)
1	1988-05-10	1000	0.053	10	1000	1000
2	1988-05-15	1000	0.053	10	1000	1000
3	1988-05-20	1000	0.053	10	1000	1000
4	1988-05-25	1000	0.053	10	1000	1000
5	1988-06-01	1000	0.053	10	1000	1000
6	1988-06-05	1000	0.053	10	1000	1000
7	1988-06-10	1000	0.053	10	1000	1000
8	1988-06-15	1000	0.053	10	1000	1000
9	1988-06-20	1000	0.053	10	1000	1000
10	1988-06-25	1000	0.053	10	1000	1000

FLUID PRESSURE INTERPRETATION

DEPTH (m)	INTERVAL PRESSURE (psi)	INTERPRETATION
1000 - 1050	0 - 0.53 psi/ft	Oil (Poor/med)
1050 - 1100	0 - 0.53 psi/ft	Oil
1100 - 1200	0 - 0.53 psi/ft	Water

DRILLER DEPTH TO LOG DEPTH EQUIVALENT

DRILLER DEPTH (m)	LOG DEPTH (m)
0	0
100	100
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000
1100	1100
1200	1200
1300	1300
1400	1400
1500	1500
1600	1600
1700	1700
1800	1800
1900	1900
2000	2000
2100	2100
2200	2200
2300	2300
2400	2400
2500	2500
2600	2600
2700	2700
2800	2800
2900	2900
3000	3000

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COGNET	0 - 100
ROGA LAND GROUP	100 - 1000
LISTA FORMATION	100 - 1000
HORDA LAND GROUP	1000 - 2000
BALDER FORMATION	1000 - 2000
MIOCENE AND OR YOUNGER	2000 - 3000
NORDLAND GROUP	2000 - 3000

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